

# IANA Status Update

## Montréal, CA

### 11-Apr-2006

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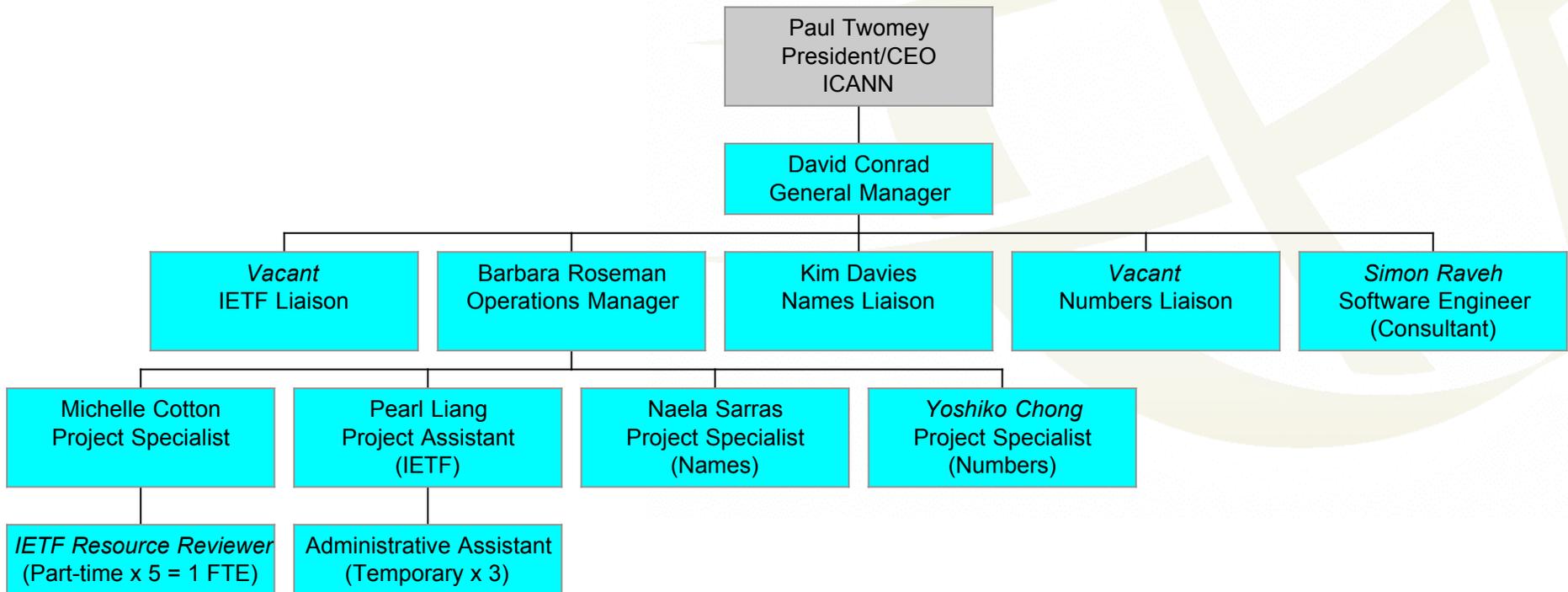


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# Overview

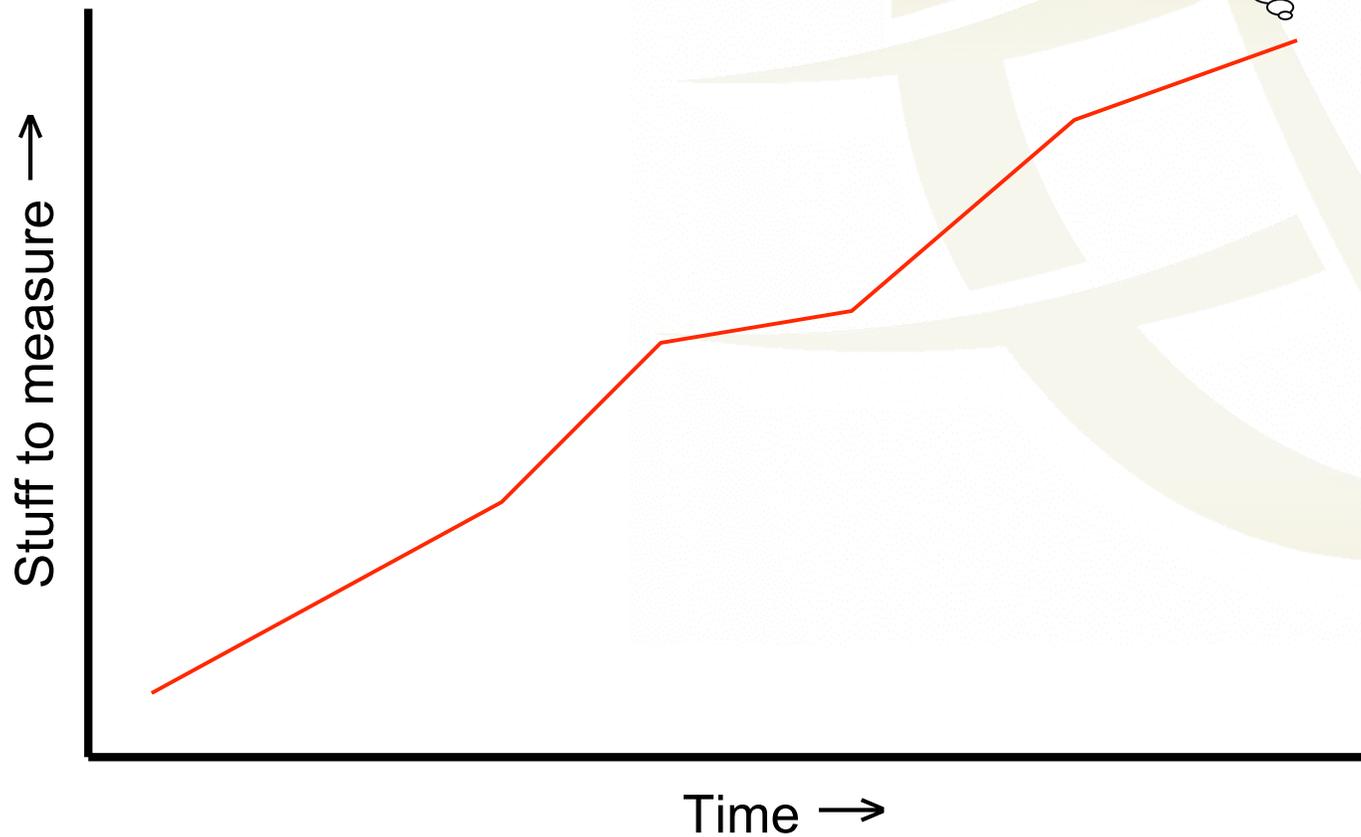
- Current Statistics
- Vancouver ICANN Meeting Issues Status
- IANA Projects
- Next Meeting Goals

# IANA Organization



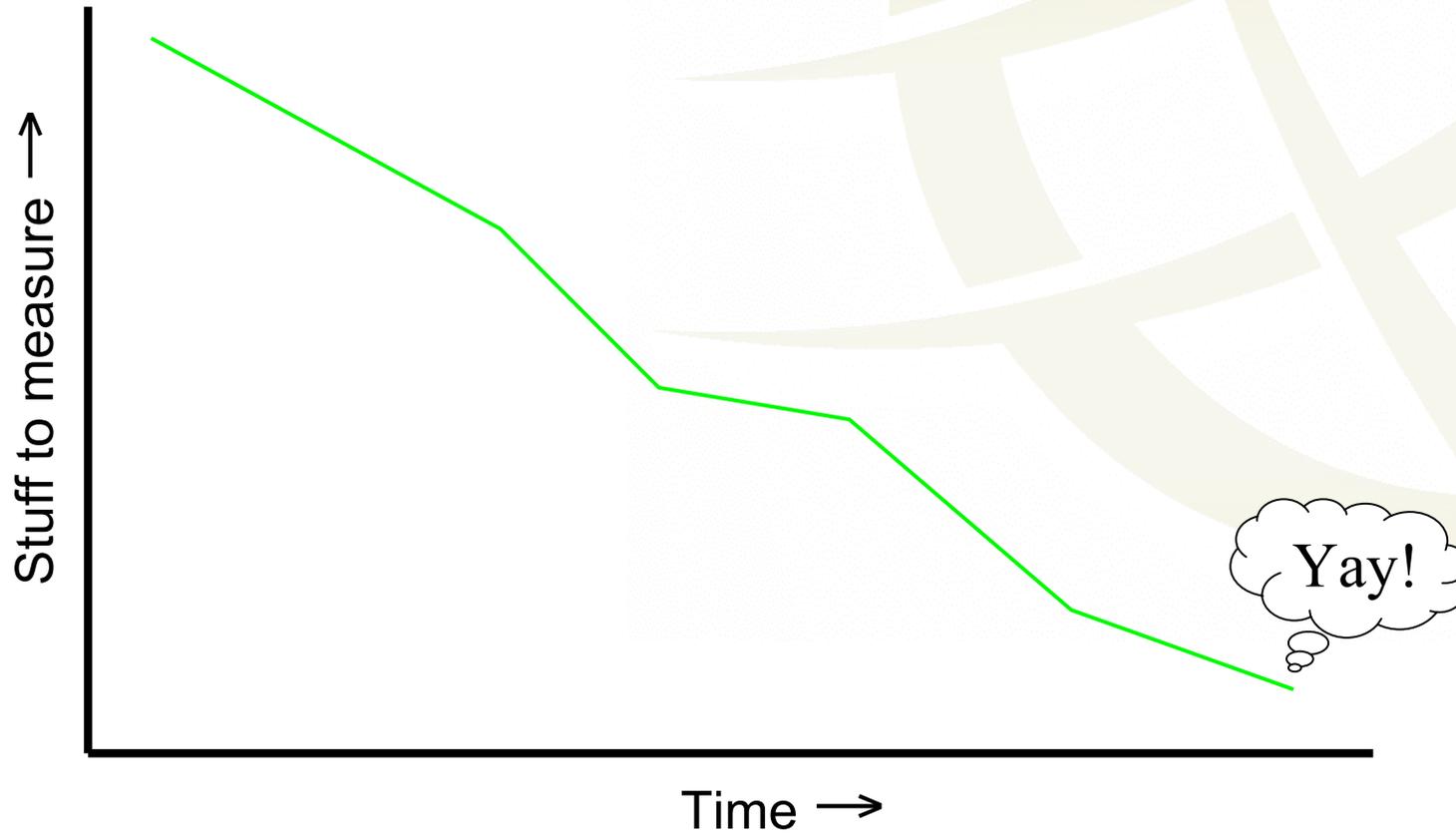
# Generic Performance Statistics

Then



# Generic Performance Statistics

Real Soon Now



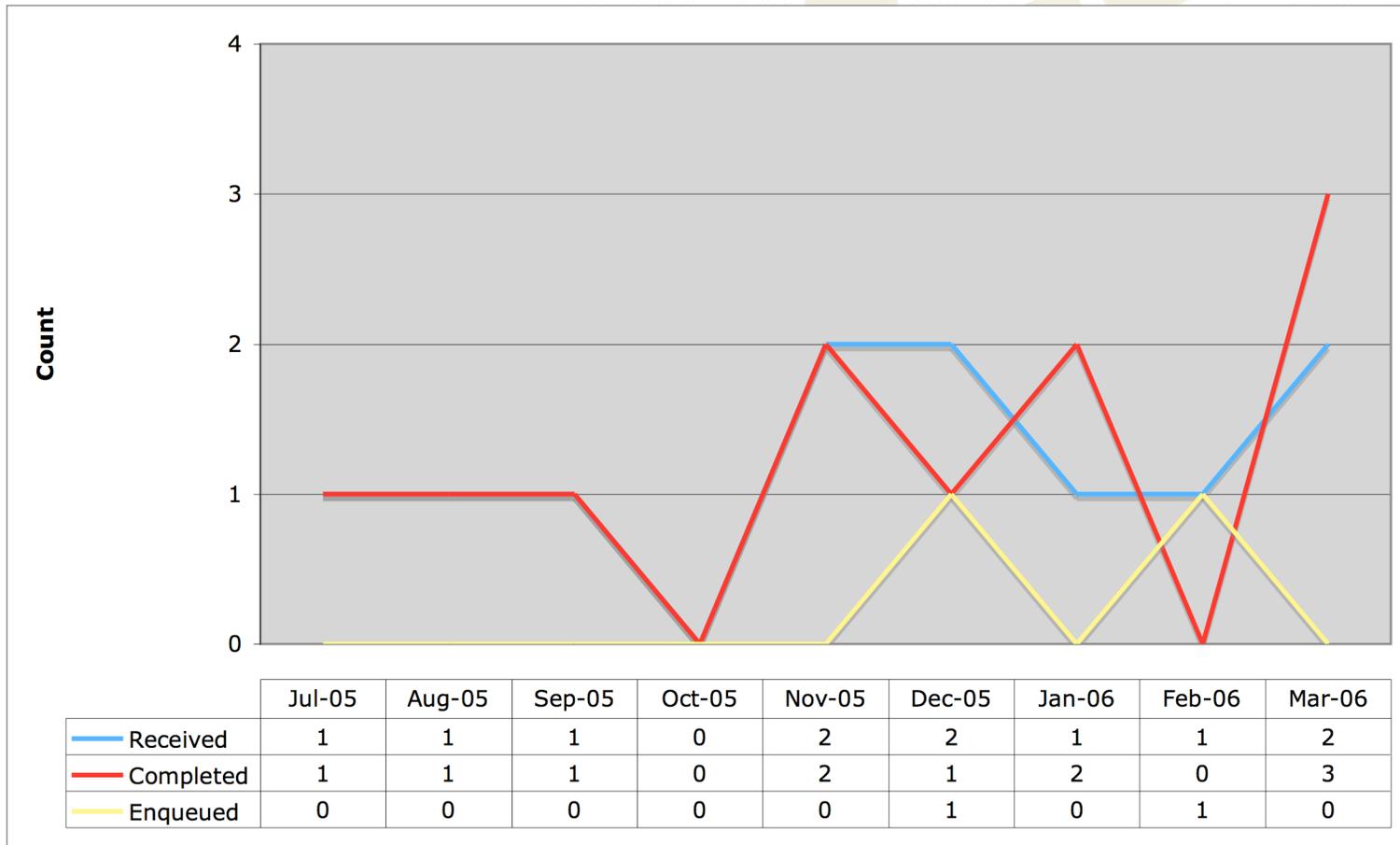
# RIR Statistics



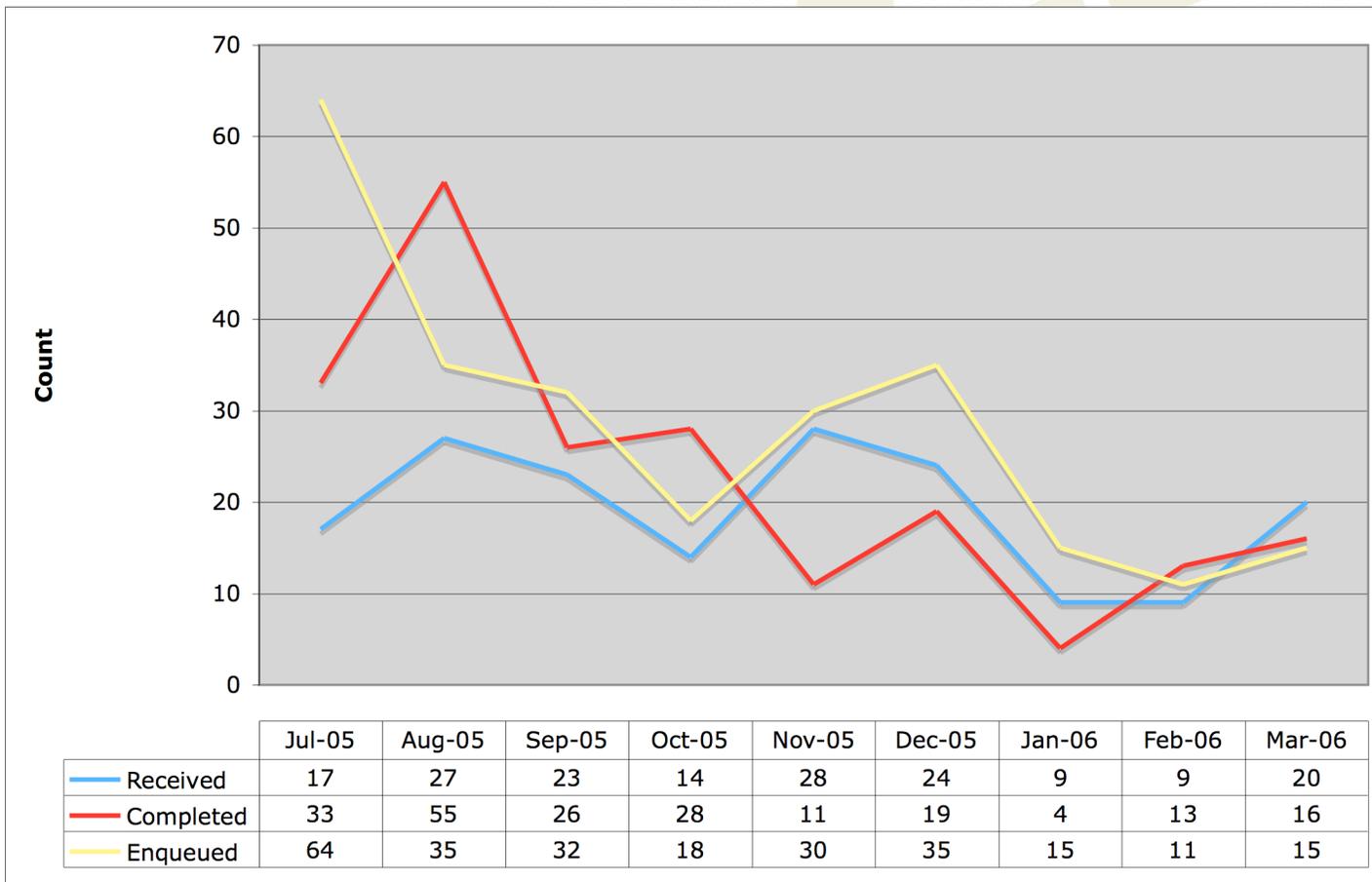
# BORING!!!!

# Cumulative RIR Requests

## Requests/Month

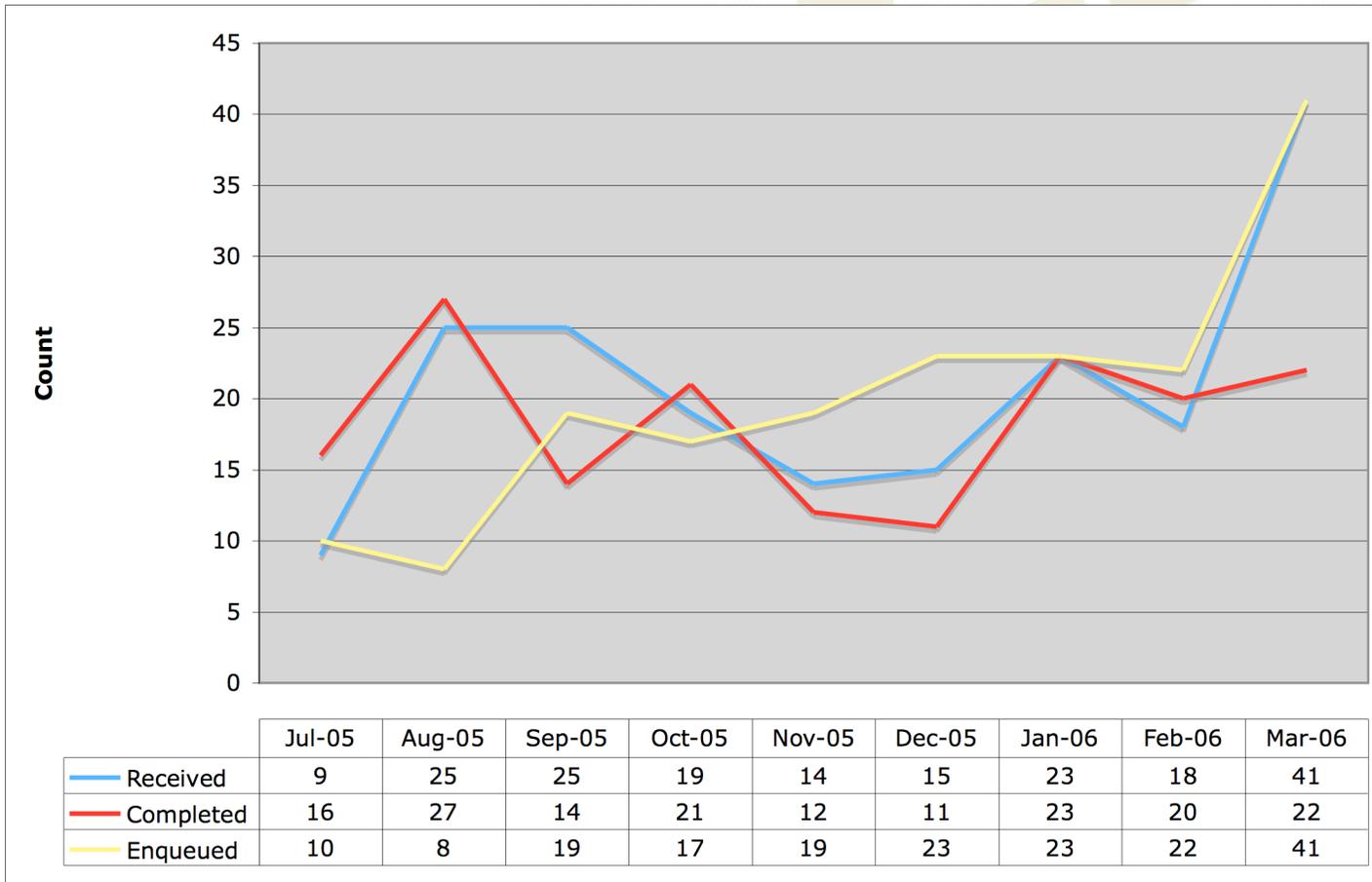


# Root Zone Management Requests/Month



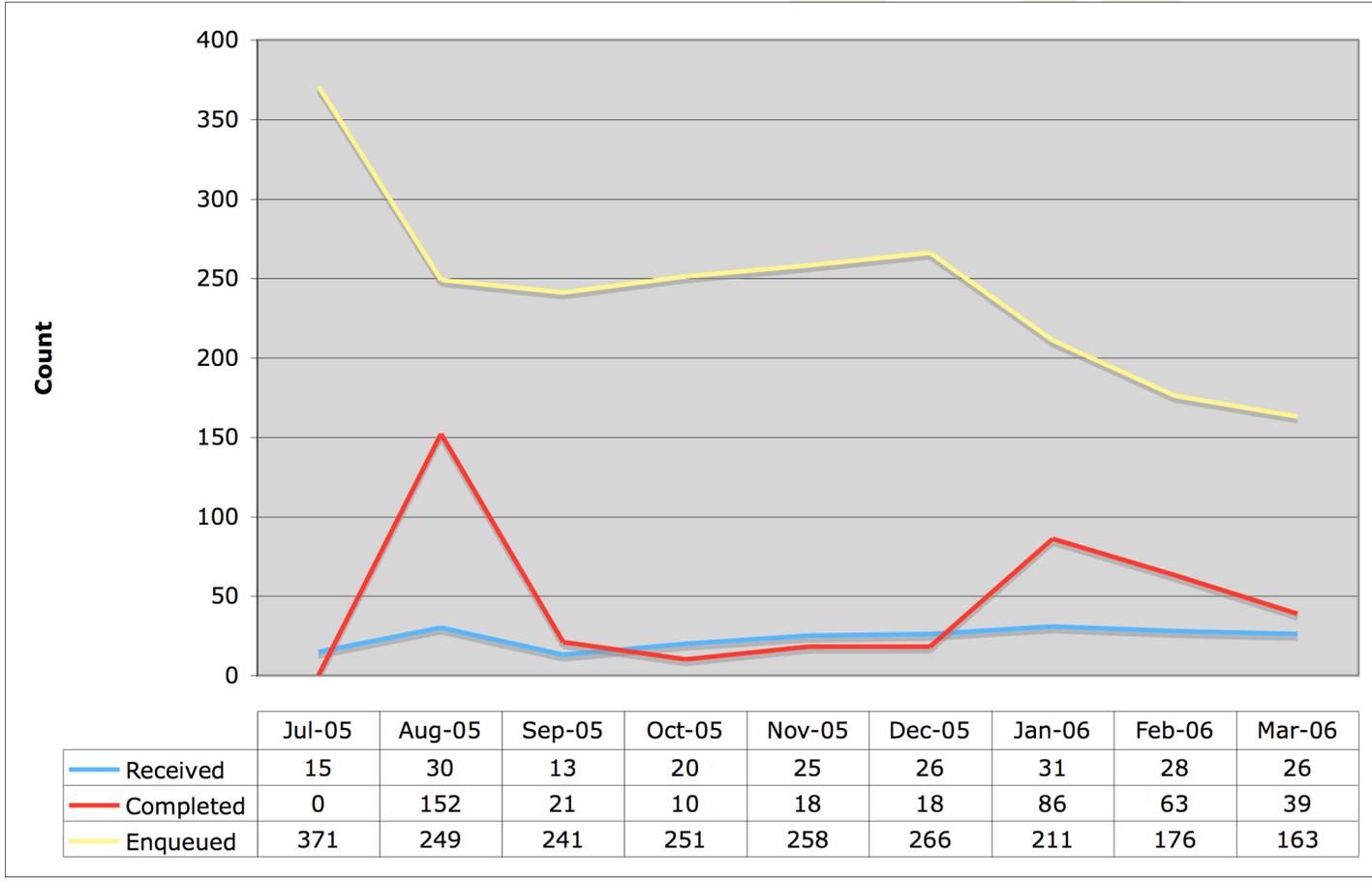
# Internet Drafts

## Drafts Reviewed/Month

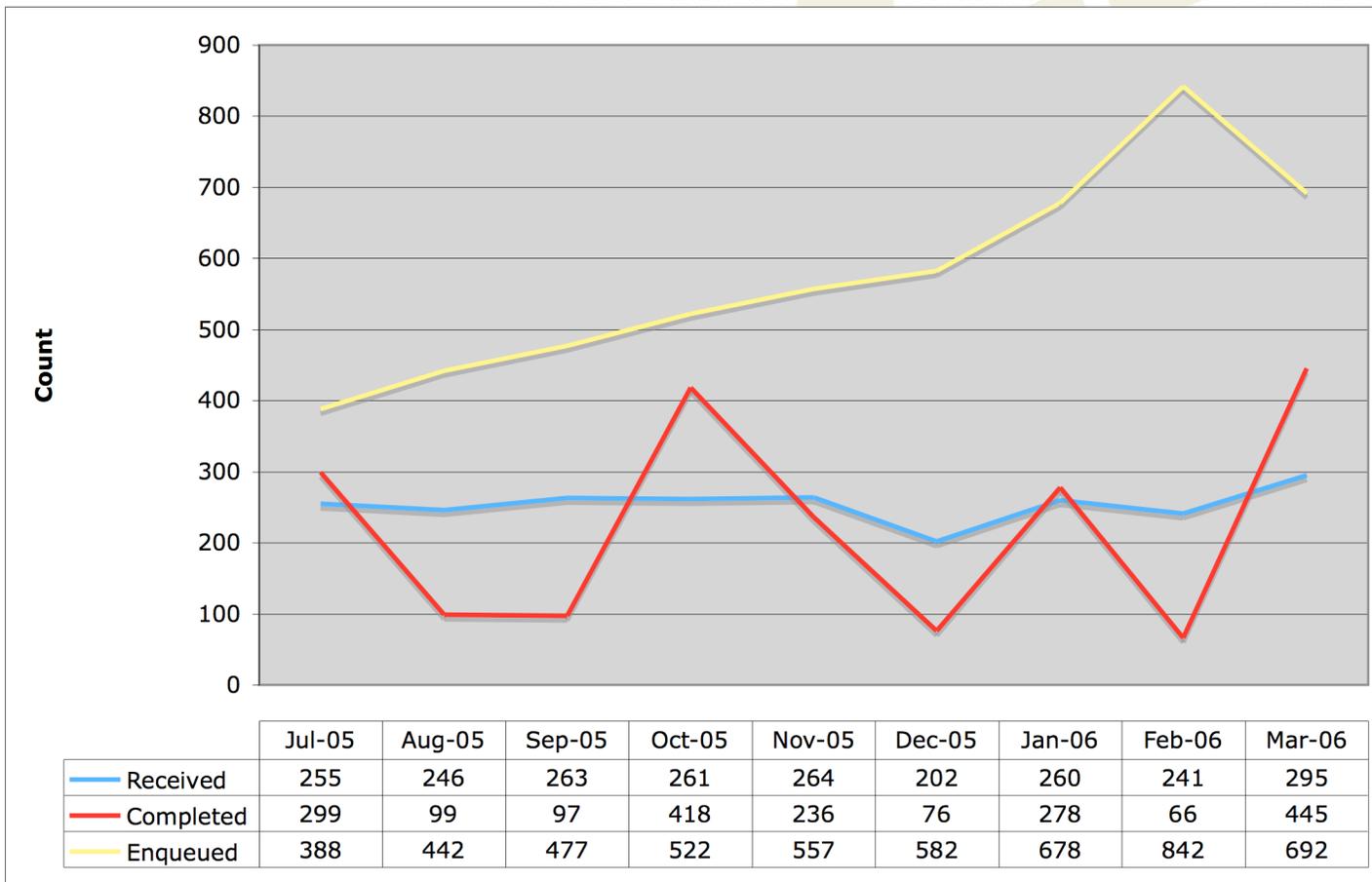


# Port Requests

## Requests/Month



# Private Enterprise Numbers Requests/Month



# Vancouver ICANN Meeting Issues Status



| Vancouver Issue                      | Current Status | Comment                                  |
|--------------------------------------|----------------|--|
| Consistent mgmt focus/prioritization | Resolved       | Not an issue since before I started      |
| Understaffing                        | Mostly done    | 2-3 FTE light. Hiring is difficult       |
| Infrastructure lacking               | Improving      | Understaffing related, being resolved    |
| Ticketing system                     | Resolved       | Historical data migration would be nice  |
| Multiple databases                   | Still an issue | Automation will address                  |
| Complicated processes                | Improving      | Simplification underway but constrained  |
| Few external processes docs          | Mostly done    | Documents currently inconsistent         |
| Process exceptions                   | Still an issue | Not easily resolvable                    |
| Large backlog                        | Mostly done    | Target resolution date: شكارم            |
| Lack of automation                   | Improving      | Processes being automated                |
| Customer comm. difficulty            | Improving      | New web page should help                 |
| Data inconsistently collected        | Mostly done    | RT helps, automation will help w/ detail |
| No tracked quality metrics           | Mostly done    | Reliable baseline established            |

# IANA Projects

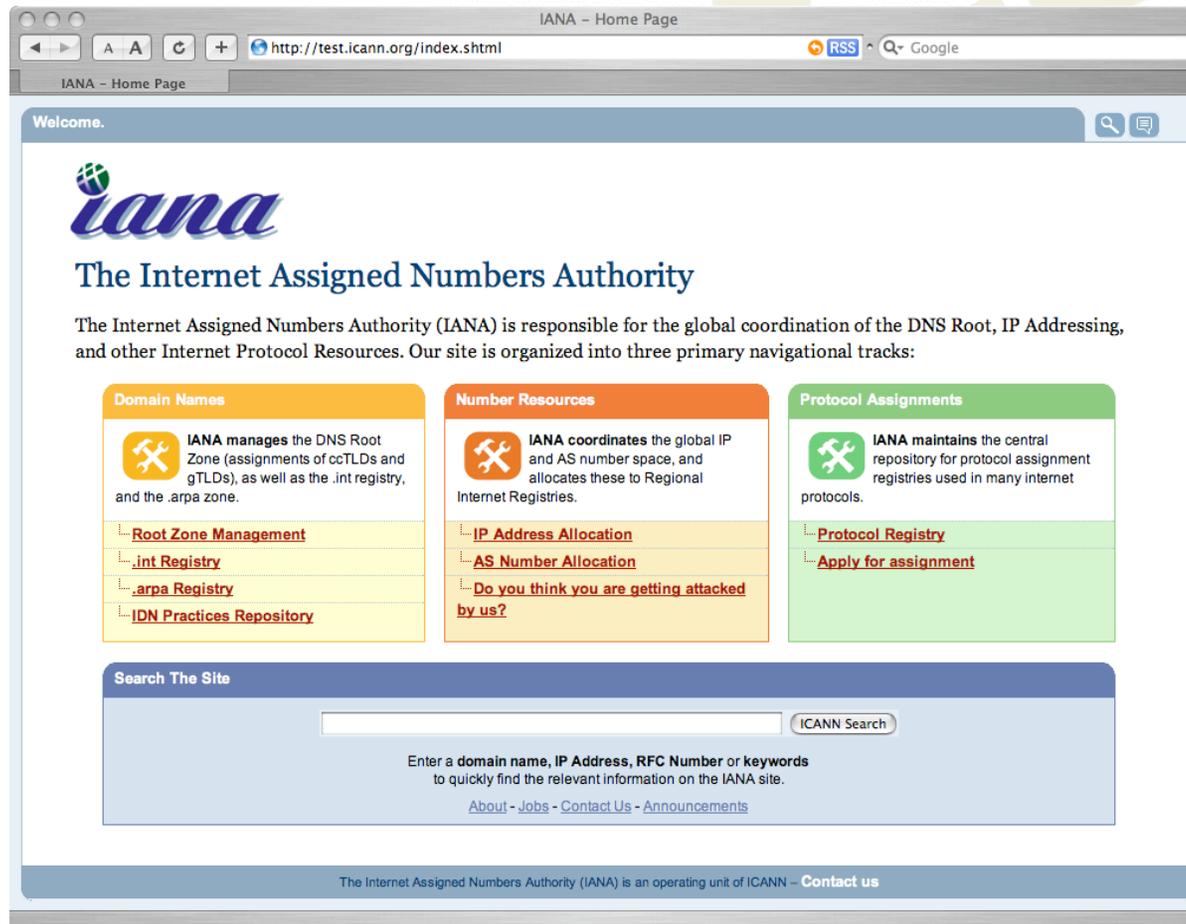
- IANA currently has a large number of projects either being considered or being implemented
  - During implementation, some functions may continue to be sub-optimal
    - Working as fast as we can to address this
- Improving IANA performance, responsiveness, and consistency is the goal

# Major IANA Projects

| Project                           | Status   | Availability     |
|-----------------------------------|--|------------------|
| 24x7x52 Availability              | Vendor selected, waiting on infrastructure     | Apr, 2006        |
| Archiving old data                | Data scanned, not yet OCR'd                    | May, 2006        |
| X.509 addressing trust anchor     | Participating in meetings, evaluating position | N/A              |
| Automated DNS server verification | Defining requirements, investigating software  | Jun, 2006        |
| DNSSEC infrastructure             | Defining requirements, evaluating software     | Jul, 2006        |
| Root zone automation              | Software being customized                      | May, 2006        |
| IPv4 Registry cleanup             | Modification confirmation required             | Jun, 2006        |
| Reporting                         | Software being developed                       | Jun, 2006        |
| Ticket migration                  | Old data being migrated                        | Apr, 2006        |
| Detailed statistics collection    | Defining requirements and workflows            | Jun, 2006        |
| Customer survey                   | Vendor selected, final approval required       | Jun, 2006        |
| <b>IANA Web Redesign</b>          | <b>First Draft complete, soliciting input</b>  | <b>Mar, 2006</b> |
| PEN Automation                    | Alpha test starting                            | Apr, 2006        |

# Draft Proposed IANA Home Page

<http://test.iana.org>



The screenshot shows a web browser window titled "IANA - Home Page" with the URL "http://test.icann.org/index.shtml". The page content includes a "Welcome." message, the IANA logo, and the title "The Internet Assigned Numbers Authority". A paragraph explains that IANA is responsible for the global coordination of the DNS Root, IP Addressing, and other Internet Protocol Resources. The page is organized into three primary navigational tracks:

- Domain Names**: IANA manages the DNS Root Zone (assignments of ccTLDs and gTLDs), as well as the .int registry, and the .arpa zone. Links include: [Root Zone Management](#), [.int Registry](#), [.arpa Registry](#), and [IDN Practices Repository](#).
- Number Resources**: IANA coordinates the global IP and AS number space, and allocates these to Regional Internet Registries. Links include: [IP Address Allocation](#), [AS Number Allocation](#), and [Do you think you are getting attacked by us?](#)
- Protocol Assignments**: IANA maintains the central repository for protocol assignment registries used in many internet protocols. Links include: [Protocol Registry](#) and [Apply for assignment](#).

At the bottom, there is a "Search The Site" section with a search input field and a "ICANN Search" button. Below the search field, it says: "Enter a domain name, IP Address, RFC Number or keywords to quickly find the relevant information on the IANA site." and provides links for [About](#), [Jobs](#), [Contact Us](#), and [Announcements](#).

The footer text reads: "The Internet Assigned Numbers Authority (IANA) is an operating unit of ICANN - [Contact us](#)"

# Next Meeting Goals

1. Hiring 2 additional staff
  - IETF Liaison, Numbers Liaison
2. Put automation projects into (limited) production
3. Clear current request backlogs
4. Update and publicly document IANA resource allocation related processes
5. Publish IANA resource allocation performance data publicly
6. Complete migration of historical ticket data
7. Publish **proposed** IANA web site for comment

# Questions?

